

IN THE CLAIMS

Replace existing claims with

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1. (Amended) A non-circular flat motor comprising:  
a rotor rotating about an axis aligned in an axial direction;  
a housing which is non-circular in a plane perpendicular to the axial direction,  
which rotatably supports the rotor, and which has side surfaces, at least a part of which  
are flat; and  
a plurality of feeder terminals arranged at the side surface at corners of the housing  
and electrically insulated from adjacent portions of the motor.
  2. (Amended) The motor as claimed in claim 1, wherein the housing includes a  
stator base and including an armature coil arranged at the stator base, and a magnet facing  
the armature coil and disposed on the rotor.
  3. (Amended) The motor as claimed in claim 2, wherein the housing is  
substantially rectangular in the plane and at least some of the feeder terminals do not  
protrude outward beyond sides of the housing.
  4. (Amended) The motor as claimed in claim 1, further comprising a flat magnet,  
a bracket as part of the housing and on which the magnet is disposed, a brush connected  
to the feeder terminals across a first gap between the bracket and the magnet, wherein the  
rotor receives electric power via the brush and faces the flat magnet across a second gap  
in the axial direction.
  5. (Amended) The motor as claimed in claim 4, wherein a base end of the brush  
is part of the feeder terminal.

6. (Amended) The motor as claimed in claim 4, wherein the housing is substantially rectangular in the plane and at least some of the feeder terminals do not protrude outward beyond the corners of the housing.

7. (Amended) A non-circular flat motor comprising:  
a rotor rotating about an axis aligned in an axial direction;  
a housing including a stator base having a shaft for supporting the rotor centrally located on the stator base, the housing having a non-circular shape in a plane perpendicular to the axial direction, and being at least partially a resin; and  
at least two feeder terminals arranged at a corner of the housing on a side surface of the housing, electrically insulating the feeder terminals from adjacent portions of the motor.

8. (Amended) The motor as claimed in claim 7, wherein the shaft has a fixed shaft core extending from a portion of the housing constituting a stator, the shaft core having a resin coating, the rotor is rotatably installed on the resin coated fixed shaft, and a tip of the shaft is inserted in a concave portion of the housing.

9. (Amended) The motor as claimed in claim 8, further comprising:  
a magnetic yoke plate, the shaft core integrally protruding from the center of the magnetic yoke plate, constituting part of the housing;  
a commutator;  
a resin bracket including the resin coated, fixed shaft wherein the rotor includes the commutator;  
a pair of brushes having a free end ends in sliding contact with the commutator and fixed such that at least two surfaces can expose base ends of the resin bracket portion through the a brush recess portion; and  
an armature coil having one end connected to the commutator and rotatably arranged at the resin coated, fixed shaft, facing a magnet across a gap, wherein the brush recess portion insulates at least one brush; and

